## Jones, Maude

159192

From:

Gibbs, Terra

Sent:

Wednesday, July 13, 2005 1:47 PM

To:

Jones, Maude

Subject:

FW: Please compare these two sequences... PLEASE RUSH

RE: USSN 09/918,026

-----Original Message-----

From:

Fredman, Jeffrey

Sent:

Wednesday, July 13, 2005 6:10 AM

To: Cc: STIC-Biotech/ChemLib

Cc:

Gibbs, Terra

Subject:

FW: Please compare these two sequences... PLEASE RUSH

PLEASE RUSH.

I Approve.

Jeff Fredman

----Original Message-----

From:

Gibbs, Terra

Sent:

Tuesday, July 12, 2005 5:29 PM

To:

Fredman, Jeffrey

Subject:

Please compare these two sequences... PLEASE RUSH

Jeff, I need this sequence search comparison RUSHED! I need this to support a 103 rejection and didn't realize it til now... This case is due this biweek.

The two sequences are only 1561 and 1981 nucleotides in length.

Please compare GenBank Accession Number AF099031 with AF059203.

Terra Cotta Gibbs, Ph.D. Art Unit 1635 Remsen Building 2D10 Mailbox 2C18 571-272-0758 align031\_203

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5.1.6
Compugen Ltd
version -
GenCore (c) 1993
       Copyright
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July 14, 2005, 16:47:20 ; Search time 2 Seconds (without alignments) 3.201 Million cell updates/sec
nucleic search, using sw model
nucleic
                                       Run on:
δ
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1 ATGGAGCCAGGCGGGCCCG......CTTGGTCCTGCCATACCTAG 1569 Gapop 10.0 , Gapext 0.5 1 segs, 2040 residues IDENTITY NUC AF099031 1569 Title: Perfect score: Scoring table: Sequence: Searched:

Total number of hits satisfying chosen parameters:

~

length: 0 length: 2000000000 8eq Minimum DB Maximum DB Post-processing: Minimum Match 0% Maximum Match 100% Listing first 1 summaries

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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution. af059203.gb\_pr:\* Database :

## SUMMARIES

ACCESSION: AF059203 Description 2040 1 AF059203 Query Score Match Length DB 99.7 1 1564.2 Result . 8

## ALIGNMENTS

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2040 bp mRNA linear PRI 15-OCT-1998 Homo sapiens acyl coenzyme A:cholesterol acyltransferase 2 mRNA, complete cds.
                                                                                                                                                                                    Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Buteleostomi; Bukamalia; Butheria; Primates; Catarrhini; Hominidae; Homo.

1 (bases 1 to 2040)
Celkers, P., Behari, A., Cromley, D., Billheimer, J.T. and Sturley, S.L. Characterization of two human genes encoding acyl coenzyme A:cholesterial acyltransferase-related enzymes
J. Biol. Chem. 273 (41), 26765-26771 (1998)
                                                                                                                                                                                                                                                                                                                                                                     2 (bases 1 to 2040)
Oelkers, P., Cromley, D., Behari, A., Billheimer, J.T. and Sturley, S.L.
Direct Submission
Submitted (13-APR-1998) Human Nutrition, Columbia University, 630
W. 168th Street, New York, NY 10032, USA
Location/Qualifiers
1. .2040
                                                                                                                 AF059203.1 GI:3746534
                                                                                                                                                       Homo sapiens (human)
Homo sapiens
                AF059203
LOCUS
DEFINITION
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VERSION
KEYWORDS
SOURCE
ORGANISM
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RESULT 1
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771

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GAGCATCAGCTCCCGCCGCCGCCTCCCGTTGTGTCCTGGTCTCCGAGCTTAGGTTCCTG 

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/organism="Homo sapiens"

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/ LTAIN ALL LONG "MEDGGARLRLORTEGLGGEREROPCGDGNTETHRAPDLVQWTRH
MEAVKAQLLEGAAGGOLRELLDRAMERA I GSYPSORTPEPPPERSLESTTGEPSLGKOK
VET IRKELLEDAAGGOLRELLDRAMERA I GSYPSORTPEPPPERSLESTTGEPSLLERTEREF
GOLPLALVTWYPMPLESTLLAPYQALELWARGTWTOATGLGCALLAATAVVLALPYN
AVEHOLPPASRCVLVPEQVRFLMKSYSFLREAVPGTLRARRGEGI QAPSFSSYLYFLF
CPTLIYRETYPRTPYTRWYYNYRWIPQALGCALTAARTREFSTR
ALVLSILHATIPGI FRALHCHINAPAEWLRFGDRMFYRDWWNSTSFSNYX
TWNVYHDWLKSYYDGIRLLGARARGVAMLGVFLVSAVAHEYI FCFVLGFPFYVYL
ILFILIGGGLLARTPERFWHDQRTGFPAWNVLMWTMLFLGGGI QVSLYCQEWYARRHCFLPQAT
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52. .1620
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db xref="taxon:9606"
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